

Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

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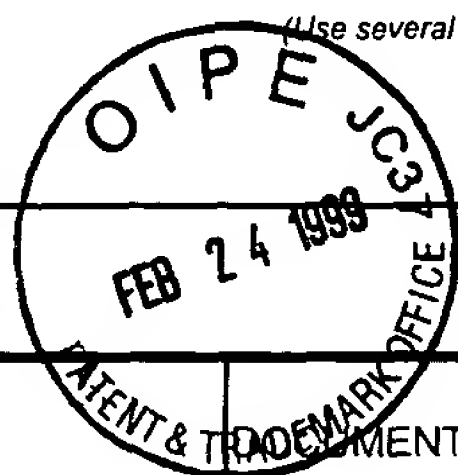
Docket Number (Optional)
MIV-032.62

Applicant Number
09/072,994

Applicant
G. COTTAREL et al.

Filing Date
May 5, 1998

Group Art Unit
1646



U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MOP	AA	5,223,408	06/29/93	Goeddel et al.	435	69.3
MOP	AB	5,441,880	08/15/95	Beach et al.	435	193
MOP	AC	5,801,015	09/01/98	Cottarel et al.	435	69.1

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
MOP	AD ✓	WO 90/02809	22/03/90	PCT			
	AE ✓	WO 92/15679	17/09/92	PCT			
	AF ✓	WO 93/10242	27/05/93	PCT			
	AG ✓	WO 94/28914	22/12/94	PCT			
	AH ✓	WO 95/13373	18/05/95	PCT			
MOP	AI ✓	WO 96/39527	12/12/96	PCT			
	AJ ✓	0 614 672 A1	14/09/94	European Patent Application			

not provided

ADP	AK	Altschul, S. et al., "Basic Local Alignment Search Tool", <i>J. Mol. Biol.</i> , <u>215</u> : 403-410 (1990)					
	AL	Brenner, S., "BLAST, Blitz, BLOCKS and BEAUTY: sequence comparison on the Net", <i>TIG</i> , <u>11</u> (8): 330-331 (1995)					
	AM	Buck, V. et al., "Identification of cdk-activating kinase in fission", <i>EMBO J.</i> , <u>14</u> (24): 6173-6183 (1995)					
	AN	Chun, K. and Goebel, M. "Mutational analysis of Cak1p, an essential protein kinase that regulates cell cycle progression", <i>Mol. Gen. Genet.</i> , <u>356</u> : 365-375 (1997)					
	AO	Cismowski, M. et al., "KIN28 Encodes a C-Terminal Domain Kinase That Controls mRNA Transcription in <i>Saccharomyces cerevisiae</i> but Lacks Cyclin-dependent Kinase-Activating Kinase (CAK) Activity", <i>Mol. Cell. Biol.</i> , <u>15</u> (6): 2983-2992 (1995)					
	AP	Damagnez, V. et al., "Schizosaccharomyces pombe Mop1-Mcs2 is related to mammalian CAK", <i>EMBO J.</i> , <u>14</u> (24): 6164-6172 (1995)					
	AQ	Draetta, G., "Cell cycle: Will the real Cdk-activating kinase please stand up", <i>Current Biol.</i> , <u>7</u> (1): R50-R52 (1997)					
	AR	Dunphy, W. and Kumagai, A., "The cdc25 Protein Contains an Intrinsic Phosphatase Activity", <i>Cell</i> , <u>67</u> : 189-196 (1991)					
MOP	AS	Edgar, B. and O'Farrell, P., "Genetic Control of Cell Division Patterns in the Drosophila Embryo", <i>Cell</i> , <u>57</u> : 177-187 (1989)					

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INFORMATION DISCLOSURE CITATION

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MIV-032.02

Application Number

09/072,994

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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

MDP	AT	Espinoza, F. et al., "A cyclin-Dependent Kinase-Activating Kinase (CAK) in Budding Yeast Unrelated to Vertebrate CAK", <i>Science</i> , <u>273</u> : 1714-1717 (1996)
MDP	AE	Feaver, W. et al., "Relationship of CDK-Activating Kinase and RNA Polymerase II CTD Kinase TFIIF/TFIIK", <i>Cell</i> , <u>79</u> : 1103-1109 (1994)
MDP	AV	Jesquet, D. et al., "Is Cdk7/cyclin H/MAT1 the genuine cdk activating kinase in cycling xenopus egg extracts?", <i>Oncogene</i> , <u>15</u> (11): 1303-1307 (1997)
MDP	AW	Galaktionov, K. and Beach, D., "Specific Activation of cdc25 Tyrosine Phosphatases by B-Type Cyclins: Evidence for Multiple Roles of Mitotic Cyclins", <i>Cell</i> , <u>67</u> : 1181-1194 (1991)
MDP	AX	Gallop, M. et al., "Applications of Combinatorial Technologies to Drug Discovery. 1. Background and peptide Combinatorial Libraries", <i>J. Med. Chem.</i> , <u>37</u> (9): 1233-1251 (1994)
MDP	AY	Goldberg, D. et al., "A <i>Candida albicans</i> homolog of CDC25 is functional in <i>Saccharomyces cerevisiae</i> ", <i>Eur. J. Biochem.</i> , <u>213</u> : 195-204 (1993)
MDP	AZ	Inamoto, S. et al., "The Cyclin-dependent Kinase-activating Kinase (CAK) Assembly Factor, MAT1, Targets and Enhances CAK Activity on the POU Domains of Octamer Transcription Factors", <i>J. Biol. Chem.</i> , <u>272</u> (47): 29852-29858 (1997)
MDP	BA	Kaldis, P. et al., "The Cdk-Activating Kinase (CAK) from Budding Yeast", <i>Cell</i> , <u>86</u> : 553-564 (1996)
MDP	BB	Kato, J. et al., "Cyclic AMP-Induced G1 Phase Arrest Mediated by an Inhibitor (p27 ^{Kip1}) of Cyclin-Dependent Kinase 4 Activation", <i>Cell</i> , <u>79</u> : 487-496 (1994)
MDP	BC	Kumagai, A. and Dunphy, W., "The cdc25 Protein Controls Tyrosine Dephosphorylation of the cdc2 Protein in a Cell-Free System", <i>Cell</i> , <u>64</u> : 903-914 (1991)
MDP	BD	Larochelle, S. et al., "Cdk7 is essential for mitosis and for in vivo Cdk-activating kinase activity", <i>Genes & Dev.</i> , <u>12</u> : 370-381 (1998)
MDP	BE	Livneh, E. and Fishman, D., "Linking protein kinase C to cell-cycle control", <i>Eur. J. Biochem.</i> , <u>248</u> : 1-9 (1997)
MDP	BF	Mäkelä, T. et al., "A cyclin associated with the CDK-activating kinase MO15", <i>Nature</i> , <u>371</u> : 254-257 (1994)
MDP	BG	O'Connell, M. et al., "An extra copy of <i>nimE^{cyclinB}</i> elevates pre-MPF levels and partially suppresses mutation of <i>nimT^{cdc25}</i> in <i>Aspergillus nidulans</i> ", <i>EMBO J.</i> , <u>11</u> (6): 2139-2149 (1992)
MDP	BH	Pearson, W. and Miller, W., "Dynamic Programming Algorithms for Biological Sequence Comparison", <i>Methods in Enzymology</i> , <u>210</u> : 575-601 (1992)
MDP	BI	Russell, P. and Nurse, P., "cdc25+ Functions as an Inducer in the Mitotic Control Fission Yeast", <i>Cell</i> , <u>45</u> : 145-153 (1986)
MDP	BJ	Russell, P. et al., "Conservation of Mitotic Controls in Fission and Budding Yeasts", <i>Cell</i> , <u>57</u> : 295-303 (1989)
MDP	BK	Sclafani, R., "Cyclin dependent kinase activating kinases", <i>Current Biology</i> , <u>8</u> : 788-794 (1996)
MDP	BL	Serizawa, H. et al., "Association of cdk-activating kinase subunits with transcription factor TFIIF", <i>Nature</i> , <u>374</u> : 280-282 (1995)
MDP	BM	Sherlock, G. et al., "Molecular cloning and analysis of CDC28 and cyclin homologues from the human fungal pathogen <i>Candida albicans</i> ", <i>Mol. Gen. Genet.</i> , <u>245</u> : 716-723 (1994)
MDP	BN	Sutton, A. and Freiman, R., "The Cak1 Protein Kinase Is Required at G ₁ /S and G ₂ /M in the Budding Yeast Cell Cycle", <i>Genetics</i> , <u>147</u> : 57-71 (1997)

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FEB 24 1999

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MDP

BO

Thuret, J.-Y. et al., "Civ1 (CAK In Vivo), a Novel Cdk-Activating Kinase", *Cell*, 86: 565-576 (1996)

BP

Umeda, M. et al., "A distinct cyclin-dependent kinase-activating kinase of *Arabidopsis thaliana*", *Proc. Natl. Acad. Sci. USA*, 95: 5021-5026 (1998)

BQ

Wagner, M. et al., "The CDK-activating kinase CAK1 can dosage suppress sporulation defects of *smk1* MAP kinase mutants and is required for spore wall morphogenesis in *Saccharomyces cerevisiae*", *EMBO J.*, 16(6): 1305-1317 (1997)

BR

Whiteway, M. et al., "Dominant negative selection of heterologous genes: Isolation of *Candida albicans* genes that interfere with *Saccharomyces cerevisiae* mating factor-induced cell cycle arrest", *Proc. Natl. Acad. Sci. USA*, 89:

BS

Worley, K. et al., BEAUTY: An Enhanced BLAST-based Search Tool that Integrates Multiple Biological Information Resources into Sequence Similarity Search Results", *Genome Research*, 173-184 (1995)

BT

Yee, A. et al., "Biochemical Characterization of the Human Cyclin-dependent Protein Kinase Activating Kinase", *J. Biol. Chem.*, 271(1): 471-177 (1996)

BU

International Search Report, completed 16 September 1996. *not a publication*

not a publication

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